

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A receiver, comprising:

- a high frequency demodulator circuit for demodulating a received signal; and
- a high-cut control de-emphasis circuit connected following the high frequency demodulator circuit, the high-cut control de-emphasis circuit comprising a plurality of selectable resistive elements,

wherein the high-cut control de-emphasis circuit provides a high-cut control function and a de-emphasis function that is variable based on a selection of the plurality of selectable resistive elements, the selection based on a reception level.

2. (Previously Presented) A receiver, comprising:

- a demodulation unit for demodulating a received signal;
- an attenuation unit which is connected in the stage following the demodulation unit and which has both a high-cut control function and a de-emphasis function and attenuates the high frequency component of a received signal;

- a variable unit for making the cut-off frequency of the attenuation unit variable, the variable unit comprising a plurality of selectable resistive elements; and

- a generation unit for generating a control signal for controlling the operation of the variable unit based on the reception level of the received signal, the control signal directing a selection of the plurality of selectable resistive elements.

3. (Original) The receiver according to claim 2, wherein

the generation unit generates a control signal for controlling the operation of the variable unit based on the reception level of the FM reception signal.

4. (Original) The receiver according to claim 2, wherein

the generation unit generates a control signal so that the cut-off frequency of the attenuation unit becomes smaller as the reception level of the received signal becomes lower.

5. (Previously Presented) A receiver, comprising:

- a demodulation unit for demodulating a FM reception signal;
- a plurality of selectable resistors connected following the demodulation unit;
- a changeover unit for selecting a resistance value of the plurality of selectable

resistors;

- a capacitor which attenuates the high frequency component of the demodulated FM signal in combination with the resistance value; and

- a generation unit for generating a control signal for controlling the changeover operation of the changeover unit based on the reception level of the FM signal.

6. (Currently Amended) The receiver according to claim 5, wherein the generation unit generates a control signal so that the resistance value of the resistors becomes larger as the reception level of the received signal becomes lower.

7. (Previously Presented) A receiver which receives an FM signal or an AM signal, comprising:

- a demodulation unit for demodulating the FM signal or the AM signal;
- a plurality of selectable resistors connected following the demodulation unit;
- a changeover unit for selecting a resistance value of the plurality of selectable

resistors;

- a capacitor which attenuates the high frequency component of the demodulated FM signal or AM signal in combination with the resistance value;

- a first generation unit for generating a first control signal for controlling the changeover operation of the changeover unit based on the reception level of the FM signal;

- a second generation unit for generating a second control signal for AM for controlling the changeover operation of the changeover unit based on the reception level of the AM signal; and

- a selection unit for selecting either the first control signal or the second control signal for AM based on a received signal and outputting the selected signal to the changeover unit.

8. (Previously Presented) The receiver according to claim 7, wherein
the first generation unit generates a first control signal so that the resistance value becomes larger as the reception level of the FM signal becomes lower.
9. (Previously presented) The receiver according to claim 7, further comprising:
a third generation unit for generating a third control signal for FM for controlling the changeover operation of the changeover unit in order to change the time constant of the de-emphasis function, and wherein
the selection unit selects either the first control signal, the second control signal for AM or the third control signal for FM based on a received signal and outputs the selected signal to the changeover unit.
10. (Previously Presented) The receiver according to claim 1, wherein the high-cut control function and de-emphasis function share a capacitive element.
11. (Previously Presented) The receiver according to claim 2, wherein the high-cut control function and de-emphasis function share a capacitive element.
12. (Previously Presented) The receiver according to claim 5, wherein the changeover unit comprises a switch that selects at least one of the plurality of selectable resistors.
13. (Previously Presented) The receiver according to claim 5, wherein the capacitor in part provides a de-emphasis function.
14. (Previously Presented) The receiver according to claim 7, wherein the changeover unit comprises a switch that selects at least one of the plurality of selectable resistors.
15. (Previously Presented) The receiver according to claim 7, wherein the capacitor in part provides a de-emphasis function.